

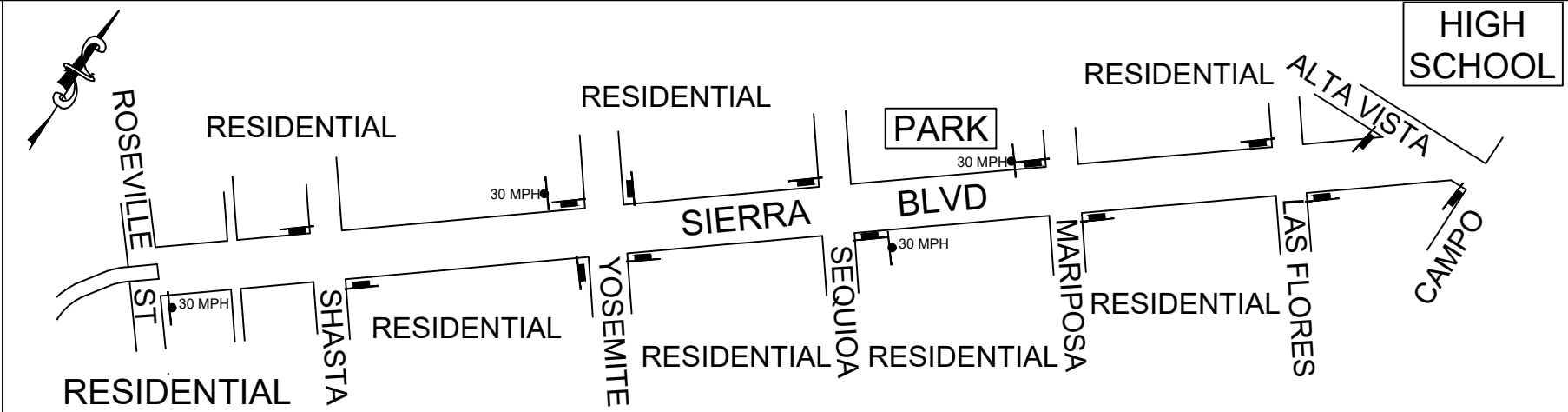


PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:
SIERRA BLVD
ROSEVILLE ST TO ALTA VISTA

STRIP MAP



ROADWAY WIDTH	72'
NO. OF LANES	2
ADT	3976
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	36.8 MPH
PACE SPEED	29-38 MPH
3-YEAR ACCIDENT HISTORY	4
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	2677

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH			ROADSIDE COND.
	61-75	0	SCHOOL <input checked="" type="checkbox"/>
51-60	0	RESIDENCE <input checked="" type="checkbox"/>	
41-50	9	BUSINESS <input type="checkbox"/>	
31-40	144	PARKS <input checked="" type="checkbox"/>	
1-30	47	OPEN SPACE <input type="checkbox"/>	
		BIKEWAY <input checked="" type="checkbox"/>	

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.


SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey Summary

Street: SIERRA BL
Limits: ROSEVILLE ST
ALTA VISTA AV

Field Observer: HC
Checked By: J CERVANTES
Date: 6/23/2021

Factors	Direction: <u>North/South</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	200' SW SHASTA
85th Percentile	36.8
10 mph Pace	29 - 38
Percent in Pace	77.0%
Posted Speed Limit	30
<u>B. Collision History</u>	
Date Range	4/26/2018 To 4/26/2021 (3 YEARS)
Total Collisions	4
Collision Rate (Acc/MVM)	1.809
Expected Collision Rate	2.95
<u>C. Traffic Factors</u>	
Average Daily Traffic	3976
Length of Segment	2677
Lane Configuration	2 Lanes Each Direction
Street Classification	Collector
<u>D. Conditions Not Readily Apparent</u>	
Conditions	See: Roadside Conditions on the Speed Zone Survey Map
Roadway Geometrics	STRAIGHT, FLAT.
Comments	CLASS II BIKE LANES; RESIDENTIAL CHARACTERISTICS; PARK; HIGH SCHOOL.
<u>E. Adjacent Land Use</u>	
	Single Family Residential
Posted Speed Limit	30
Speed Limit Change?	No
Revised Speed Limit	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
	<u>9-13-21</u> Date
	Loc. #

**City of Roseville
Traffic Engineering Department**

Lidar Speed Data Worksheet

Date: 6/23/21 Location # _____

Street Name: SIERRA BLVD Observer: HC

Limits: ROSEVILLE ST TO ALTA VISTA Location of Survey: 200' SW STASTA

Weather: CLEAR
Road Cond: GOOD
Posted Speed: 30
Lane Config: _____
Adjacent Land Use: _____

Roadway Geometrics: _____
Conditions Not Apparent: _____
Start Time: 1:06
End Time: 1:48

Street Classification: Arterial - Collector - Local
Average Daily Traffic: _____
Segment Length: _____
Speed Limit Changed? Yes - No
Revised Limit: _____
Checked By: _____

Collision Start Date: 1:06
Collision End Date: 1:48
Collision Period: _____
Total Collisions: _____
Collision Rate: _____
Expected Collision Rate: _____

Direction: SW

1. <u>29</u>	21. <u>32</u>	41. <u>37</u>	61. <u>33</u>	81. <u>28</u>
2. <u>33</u>	22. <u>32</u>	42. <u>41</u>	62. <u>32</u>	82. <u>25</u>
3. <u>35</u>	23. <u>37</u>	43. <u>44</u>	63. <u>38</u>	83. <u>36</u>
4. <u>36</u>	24. <u>33</u>	44. <u>32</u>	64. <u>36</u>	84. <u>27</u>
5. <u>36</u>	25. <u>34</u>	45. <u>33</u>	65. <u>26</u>	85. <u>29</u>
6. <u>36</u>	26. <u>25</u>	46. <u>37</u>	66. <u>35</u>	86. <u>36</u>
7. <u>33</u>	27. <u>29</u>	47. <u>31</u>	67. <u>32</u>	87. <u>41</u>
8. <u>39</u>	28. <u>44</u>	48. <u>34</u>	68. <u>39</u>	88. <u>36</u>
9. <u>29</u>	29. <u>32</u>	49. <u>35</u>	69. <u>41</u>	89. <u>35</u>
10. <u>37</u>	30. <u>35</u>	50. <u>35</u>	70. <u>32</u>	90. <u>30</u>
11. <u>35</u>	31. <u>34</u>	51. <u>31</u>	71. <u>35</u>	91. <u>24</u>
12. <u>34</u>	32. <u>36</u>	52. <u>32</u>	72. <u>30</u>	92. <u>39</u>
13. <u>38</u>	33. <u>32</u>	53. <u>39</u>	73. <u>34</u>	93. <u>33</u>
14. <u>34</u>	34. <u>39</u>	54. <u>39</u>	74. <u>32</u>	94. <u>42</u>
15. <u>34</u>	35. <u>38</u>	55. <u>37</u>	75. <u>30</u>	95. <u>34</u>
16. <u>35</u>	36. <u>37</u>	56. <u>34</u>	76. <u>34</u>	96. <u>37</u>
17. <u>32</u>	37. <u>34</u>	57. <u>31</u>	77. <u>37</u>	97. <u>33</u>
18. <u>29</u>	38. <u>36</u>	58. <u>25</u>	78. <u>30</u>	98. <u>30</u>
19. <u>34</u>	39. <u>29</u>	59. <u>36</u>	79. <u>39</u>	99. <u>37</u>
20. <u>31</u>	40. <u>40</u>	60. <u>36</u>	80. <u>40</u>	100. <u>33</u>

Direction: NE

1. <u>36</u>	21. <u>29</u>	41. <u>34</u>	61. <u>37</u>	81. <u>42</u>
2. <u>34</u>	22. <u>38</u>	42. <u>36</u>	62. <u>32</u>	82. <u>36</u>
3. <u>32</u>	23. <u>31</u>	43. <u>33</u>	63. <u>30</u>	83. <u>31</u>
4. <u>23</u>	24. <u>31</u>	44. <u>30</u>	64. <u>26</u>	84. <u>36</u>
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10. <u>31</u>	30. <u>32</u>	50. <u>25</u>	70. <u>33</u>	90. <u>34</u>
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14. <u>31</u>	34. <u>37</u>	54. <u>31</u>	74. <u>32</u>	94. <u>32</u>
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17. <u>37</u>	37. <u>32</u>	57. <u>26</u>	77. <u>27</u>	97. <u>32</u>
18. <u>26</u>	38. <u>32</u>	58. <u>29</u>	78. <u>28</u>	98. <u>30</u>
19. <u>36</u>	39. <u>37</u>	59. <u>32</u>	79. <u>31</u>	99. <u>32</u>
20. <u>31</u>	40. <u>39</u>	60. <u>32</u>	80. <u>23</u>	100. <u>24</u>

Comments: